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DIALOG(R) File 351 DERWENT WPI
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WPI Acc No: 96-500660/*199650*

XRAM Acc No: C96-156431

XRFX Acc No: N96-422188

Catheter for intra corporeal observation e.g. for blood vessel - in which number of helical ditch grooves is provided along periphery of metal tube at predetermined intervals

Patent Assignee: KATO HATSUJO CO LTD (KATO-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
JP 8257128	A	19961008	JP 9591395	A	19950324	A61M-025/00	199650 B

Priority Applications (No Type Date): JP 9591395 A 19950324

Patent Details:

Patent	Kind	Lan	Pg	Filing Notes	Application	Patent
JP 8257128	A		6			

Abstract (Basic): JP 8257128 A

The catheter includes a medical application tube (31) which comprises a metal tube (32) made up of stainless steel and shape memory alloy.

A number of helical ditch grooves (33) are provided along the metal tube at predetermined intervals. A coupling part (34) is provided between the grooves of the metal tube.

ADVANTAGE - The catheter has good flexibility at the tip with moderate rigidity. It is easy to mfr and prevents damage to intra corporeal tissues. It enables enlarging effective internal diameter with same outer diameter. Insertion of thin medical application tube into brain blood vessels is made easier.

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Title Terms: CATHETER; INTRA; CORPOREAL; OBSERVE; BLOOD; VESSEL; NUMBER;

HELICAL; DITCH; GROOVE; PERIPHERAL; METAL; TUBE; PREDETERMINED; INTERVAL

Index Terms/Additional Words: stainless; steel; alloy.

Derwent Class: B07; P34

International Patent Class (Main): A61M-025/00

File Segment: CPI; EngPI

Manual Codes (CPI/A-N): B11-C04B

Chemical Fragment Codes (M6):

01 M903 R111 R170 R410

